

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

**THIS PAGE BLANK (USPTO)**

GenCore version 5.1.3  
Copyright (c) 1993 - 2002 CompuGen Ltd.

## OM protein - protein search, using sw model

Run on: November 9, 2002, 07:26:25 ; Search time 36 Seconds  
(without alignments)  
155.288 Million cell updates/sec

Title: US-09-895-298A-83  
Perfect score: 190  
Sequence: 1 MMNEQPPSKAMRASQMMTF.....HDGSLDRSRVSQEGNPR 190

Scoring table: OLIGO  
Gapop 60.0 , Gapext 60.0

Searched: 262574 seqs, 29422922 residues

Word size : 4

Total number of hits satisfying chosen parameters: 34763

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database :

Issued\_Patents\_AA:\*  
1: /cgn2\_6/ptodata/1/iaa/5A\_COMB.pep:\*  
2: /cgn2\_6/ptodata/1/iaa/5B\_COMB.pep:\*  
3: /cgn2\_6/ptodata/1/iaa/6A\_COMB.pep:\*  
4: /cgn2\_6/ptodata/1/iaa/6B\_COMB.pep:\*  
5: /cgn2\_6/ptodata/1/iaa/PCTUS\_COMB.pep:\*  
6: /cgn2\_6/ptodata/1/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	7	3.7	486	4	US-09-291-922-10 Sequence 10, Appl
2	6	3.2	15	4	US-08-602-999A-379 Sequence 379, Appl
3	6	3.2	15	4	US-09-500-124-379 Sequence 379, App
4	6	3.2	19	4	US-08-928-213B-131 Sequence 131, App
5	6	3.2	46	4	US-08-865-468-7 Sequence 7, Appli
6	6	3.2	53	4	US-09-345-293-4 Sequence 4, Appli
7	6	3.2	87	2	US-08-477-451-45 Sequence 45, Appl
8	6	3.2	132	1	US-08-392-419-4 Sequence 4, Appli
9	6	3.2	143	4	US-09-134-001C-3963 Sequence 3963, Ap
10	6	3.2	145	4	US-09-134-001C-5194 Sequence 5194, Ap
11	6	3.2	146	4	US-08-858-207A-400 Sequence 400, App
12	6	3.2	151	4	US-09-228-986-94 Sequence 94, Appl
13	6	3.2	178	4	US-09-134-001C-4994 Sequence 4994, Ap
14	6	3.2	195	1	US-08-063-552-9 Sequence 9, Appli
15	6	3.2	195	5	PCR-US93-05704-9 Sequence 9, Appli
16	6	3.2	196	4	US-09-345-293-3 Sequence 3, Appli
17	6	3.2	208	2	US-08-531-525-15 Sequence 15, Appl
18	6	3.2	208	2	US-08-718-270A-15 Sequence 15, Appl
19	6	3.2	274	4	US-09-185-501B-15 Sequence 15, Appl
20	6	3.2	288	4	US-09-438-833-9 Sequence 9, Appli
21	6	3.2	301	4	US-09-438-833-10 Sequence 10, Appl
22	6	3.2	303	4	US-09-420-786A-3 Sequence 3, Appli
23	6	3.2	312	2	US-09-031-485-2 Sequence 2, Appli
24	6	3.2	312	2	US-08-847-429A-2 Sequence 2, Appli
25	6	3.2	312	3	US-09-065-474-2 Sequence 2, Appli
26	6	3.2	312	4	US-09-557-034-2 Sequence 2, Appli
27	6	3.2	313	3	US-08-926-842B-62 Sequence 62, Appl

28	6	3.2	314	4	US-09-710-099-4	Sequence 4, Appli
29	6	3.2	314	4	US-09-710-099-12	Sequence 12, Appl
30	6	3.2	317	1	US-07-866-979-6	Sequence 6, Appli
31	6	3.2	317	1	US-08-671-525B-2	Sequence 2, Appli
32	6	3.2	317	1	US-08-672-109B-2	Sequence 2, Appli
33	6	3.2	317	2	US-08-842-045-2	Sequence 2, Appli
34	6	3.2	317	2	US-08-466-906B-6	Sequence 6, Appli
35	6	3.2	317	2	US-08-842-238-2	Sequence 2, Appli
36	6	3.2	317	2	US-08-780-749A-4	Sequence 4, Appli
37	6	3.2	317	3	US-08-706-281A-6	Sequence 6, Appli
38	6	3.2	317	3	US-08-629-335B-2	Sequence 2, Appli
39	6	3.2	317	4	US-09-201-746-6	Sequence 6, Appli
40	6	3.2	317	4	US-09-097-231-6	Sequence 6, Appli
41	6	3.2	317	4	US-08-870-511-4	Sequence 4, Appli
42	6	3.2	317	4	US-08-387-805-2	Sequence 2, Appli
43	6	3.2	327	1	US-08-748-068-2	Sequence 2, Appli
44	6	3.2	330	4	US-09-232-200-51	Sequence 51, Appl
45	6	3.2	330	4	US-09-232-197-51	Sequence 51, Appl

## ALIGNMENTS

RESULT 1  
US-09-291-922-10  
; Sequence 10, Application US/09291922  
; Patent No. 6383776  
; GENERAL INFORMATION:  
; APPLICANT: Allen, Steve  
; APPLICANT: Hiltz, Bill  
; APPLICANT: Kinney, Tony  
; APPLICANT: Tingey, Scott  
; TITLE OF INVENTION: Plant Sugar Transport Proteins  
; FILE REFERENCE: BB-1163  
; CURRENT APPLICATION NUMBER: US/09/291,922  
; CURRENT FILING DATE: 1999-04-14  
; EARLIER APPLICATION NUMBER: 60/083,044  
; EARLIER FILING DATE: April 24, 1998  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: Microsoft Office 97  
; SEQ ID NO 10  
; LENGTH: 486  
; TYPE: PRT  
; ORGANISM: Glycine max  
US-09-291-922-10

Query Match 3.7%; Score 7; DB 4; Length 486;  
Best Local Similarity 100.0%; Pred. No. 39;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 148 ANPSSIV 154  
Db 41 ANPSSIV 47

RESULT 2  
US-08-602-999A-379  
; Sequence 379, Application US/08602999A  
; Patent No. 6184205  
; GENERAL INFORMATION:  
; APPLICANT: SPARKS, Andrew B.  
; APPLICANT: KAY, Brian K.  
; APPLICANT: THORN, Judith M.  
; APPLICANT: OULLIAM, Lawrence A.  
; APPLICANT: DER, Channing J.  
; APPLICANT: FOWLES, Dana M.  
; APPLICANT: RIDER, James E.  
; TITLE OF INVENTION: SH3 BINDING PEPTIDES AND METHODS OF  
; TITLE OF INVENTION: ISOLATING AND USING SAME  
; NUMBER OF SEQUENCES: 467  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pennie & Edmonds  
; STREET: 1155 Avenue of the Americas

CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/602,999A  
FILING DATE: 16-FEB-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Mirock, S. Leslie  
REGISTRATION NUMBER: 18,872  
REFERENCE/DOCKET NUMBER: 1101-202  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 379:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 amino acids  
TYPE: amino acid  
TOPOLOGY: unknown  
MOLECULE TYPE: peptide  
US-08-602-999A-379

Query Match 3.2%; Score 6; DB 4; Length 15;  
Best Local Similarity 100.0%; Pred. No. 18;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 53 RGLPLF 58  
Db 5 RGLPLF 10

RESULT 3  
US-09-500-124-379  
Sequence 379, Application US/09500124  
Patent No. 6432920  
GENERAL INFORMATION:  
APPLICANT: SPARKS, Andrew B.  
APPLICANT: KAY, Brian K.  
APPLICANT: THORN, Judith M.  
APPLICANT: OUILIAM, Lawrence A.  
APPLICANT: DER, Channing J.  
APPLICANT: FOWLKES, Dana M.  
APPLICANT: RIDER, James E.  
TITLE OF INVENTION: SH3 BINDING PEPTIDES AND METHODS OF  
TITLE OF INVENTION: ISOLATING AND USING SAME  
NUMBER OF SEQUENCES: 467  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/500,124  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/602,999  
FILING DATE: 16-FEB-1996  
ATTORNEY/AGENT INFORMATION:

NAME: Mirock, S. Leslie  
REGISTRATION NUMBER: 18,872  
REFERENCE/DOCKET NUMBER: 1101-202  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 379:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 amino acids  
TYPE: amino acid  
TOPOLOGY: unknown  
MOLECULE TYPE: peptide  
US-09-500-124-379

Query Match 3.2%; Score 6; DB 4; Length 15;  
Best Local Similarity 100.0%; Pred. No. 18;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 53 RGLPLF 58  
Db 5 RGLPLF 10

RESULT 4  
US-08-928-213B-131  
Sequence 131, Application US/08928213B  
Patent No. 6238905  
GENERAL INFORMATION:  
APPLICANT: McHenry, Charles S.  
Seville, Mark  
Cull, Millard G.  
TITLE OF INVENTION: NOVEL THERMOPHILIC POLYMERASE III  
HOLENZYME  
NUMBER OF SEQUENCES: 195  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MEDLEN & CARROLL, LLP  
STREET: 220 Montgomery Street, Suite 2200  
CITY: San Francisco  
STATE: CA  
COUNTRY: USA  
ZIP: 94104

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/928,213B  
FILING DATE: 12-Sep-1997  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: MacKnight, Kamrin T.  
REGISTRATION NUMBER: 38,230  
REFERENCE/DOCKET NUMBER: ENZCO-02550  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-705-8410  
TELEFAX: 415-397-8338  
INFORMATION FOR SEQ ID NO: 131:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 amino acids  
TYPE: amino acid  
STRANDEDNESS: not relevant  
TOPOLOGY: not relevant  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 131:  
US-08-928-213B-131

Query Match 3.2%; Score 6; DB 4; Length 19;  
Best Local Similarity 100.0%; Pred. No. 22;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 56 PLFIHS 61

Db 1 PLFIHS 6

## RESULT 5

US-08-865-468-7  
; Sequence 7, Application US/08865468  
; Patent No. 6248869

## GENERAL INFORMATION:

APPLICANT: Dade International Inc.  
APPLICANT: Morjana, Nihmat A.

APPLICANT: Pula, Angela M.

TITLE OF INVENTION: TROPONIN I FORMS AND USE OF SAME

NUMBER OF SEQUENCES: 10

CORRESPONDENCE ADDRESS:

ADDRESSEE: DADE INTERNATIONAL INC.

STREET: 1717 Deerfield Road

CITY: Deerfield

STATE: Illinois

COUNTRY: US

ZIP: 60015

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/865,468

FILING DATE: 29 May 1997

CLASSIFICATION: 530

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: WINSTON, Lois K.

REGISTRATION NUMBER: 39,074

REFERENCE/DOCKET NUMBER: DA-9018

TELEPHONE: (708) 267-5364

TELEFAX: (708) 267-5376

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 46 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-865-468-7

OY 173 GSLDLR 178  
Db 10 GSLDLR 15

## RESULT 6

US-09-345-293-4  
; Sequence 4, Application US/09345293A  
; Patent No. 6380382

## GENERAL INFORMATION:

APPLICANT: Rhodadoust, Mehron

TITLE OF INVENTION: No. 6380382el Gene Encoding a Protein Having Diagnostic,

FILE REFERENCE: 10147-12

CURRENT APPLICATION NUMBER: US/09/345,293A

CURRENT FILING DATE: 1999-06-30

NUMBER OF SEQ ID NOS: 11

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 4

LENGTH: 53

TYPE: PRT

; ORGANISM: Homo sapiens  
US-09-345-293-4

Query Match 3.2%; Score 6; DB 4; Length 53;  
Best Local Similarity 100.0%; Pred. No. 56;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 150 PSSIVL 155  
Db 30 PSSIVL 35

## RESULT 7

US-08-477-451-45  
; Sequence 45, Application US/08477451  
; Patent No. 5928865

## GENERAL INFORMATION:

APPLICANT: Covaccl, Antonello

TITLE OF INVENTION: Helicobacter Pylori Cagi Region

NUMBER OF SEQUENCES: 46

CORRESPONDENCE ADDRESS:

ADDRESSEE: Chiron Corporation

STREET: 4560 Horton Street

CITY: Emeryville

STATE: CA

COUNTRY: USA

ZIP: 94608-2916

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/477,451

FILING DATE: 07-JUN-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: McClung, Barbara G.

REGISTRATION NUMBER: 33,113

REFERENCE/DOCKET NUMBER: 0335.002

TELEPHONE: 510-601-2708

TELEFAX: 510-655-3542

INFORMATION FOR SEQ ID NO: 45:

SEQUENCE CHARACTERISTICS:

LENGTH: 87 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

US-08-477-451-45

OY 93 FILTLI 98  
Db 42 FILTLI 47

## RESULT 8

US-08-392-419-4  
; Sequence 4, Application US/08392419  
; Patent No. 5624659

## GENERAL INFORMATION:

APPLICANT: Bigner, Darrell D.

TITLE OF INVENTION: Zaiutsky, Michael R.

NUMBER OF SEQUENCES: 8

CORRESPONDENCE ADDRESS:

ADDRESSEE: Kenneth D. Sibley

STREET: P.O. Drawer 34009

CITY: Charlotte  
STATE: No. 5624659th Carolina  
COUNTRY: USA  
ZIP: 28234  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/392,419  
FILING DATE:  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/033,827  
FILING DATE: 19-MAR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Sibley, Kenneth D.  
REGISTRATION NUMBER: 31,665  
REFERENCE/DOCKET NUMBER: 5405-90  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 919-420-2200  
TELEFAX: 919-881-3175  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 132 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-392-419-4

Query Match 3.2%; Score 6; DB 1; Length 132;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 102 ITLYW 107  
|||||  
Db 55 ITLYW 60

RESULT 9  
US-09-134-001C-3963  
Sequence 3963, Application US/09134001C  
Patent No. 6380370  
GENERAL INFORMATION:  
APPLICANT: Lynn Doucette-Stamm et al  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS  
FILE REFERENCE: GTC-007  
CURRENT APPLICATION NUMBER: US/09/134,001C  
CURRENT FILING DATE: 1998-08-13  
PRIOR APPLICATION NUMBER: US 60/064,964  
PRIOR FILING DATE: 1997-11-08  
PRIOR APPLICATION NUMBER: US 60/055,779  
PRIOR FILING DATE: 1997-08-14  
NUMBER OF SEQ ID NOS: 5674  
SEQ ID NO 3963  
LENGTH: 143  
TYPE: PRT  
ORGANISM: Staphylococcus epidermidis  
US-09-134-001C-3963

Query Match 3.2%; Score 6; DB 4; Length 143;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 19 FFIFLL 24  
|||||  
Db 14 FFIFLL 19

RESULT 10  
US-09-134-001C-5194

Sequence 5194, Application US/09134001C  
Patent No. 6380370  
GENERAL INFORMATION:  
APPLICANT: Lynn Doucette-Stamm et al  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCC  
FILE REFERENCE: GTC-007  
CURRENT APPLICATION NUMBER: US/09/134,001C  
CURRENT FILING DATE: 1998-08-13  
PRIOR APPLICATION NUMBER: US 60/064,964  
PRIOR FILING DATE: 1997-11-08  
PRIOR APPLICATION NUMBER: US 60/055,779  
PRIOR FILING DATE: 1997-08-14  
NUMBER OF SEQ ID NOS: 5674  
SEQ ID NO 5194  
LENGTH: 145  
TYPE: PRT  
ORGANISM: Staphylococcus epidermidis  
US-09-134-001C-5194

Query Match 3.2%; Score 6; DB 4; Length 145;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 149 NPSSLV 154  
|||||  
Db 37 NPSSLV 42

RESULT 11  
US-08-858-207A-400  
Sequence 400, Application US/08858207A  
Patent No. 6348328  
GENERAL INFORMATION:  
APPLICANT: Black, Michael  
APPLICANT: Hodgson, John  
APPLICANT: Knowles, David  
APPLICANT: Nicholas, Richard  
APPLICANT: Stodola, Robert  
TITLE OF INVENTION: No. 6348328el Compounds  
NUMBER OF SEQUENCES: 552  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Smithline Beecham Corporation  
STREET: 709 Swedeland Road  
CITY: King of Prussia  
STATE: PA  
COUNTRY: USA  
ZIP: 19406-0939  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/858,207A  
FILING DATE: 09-MAY-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/017670  
FILING DATE: 14-MAY-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Gimm, Edward R  
REGISTRATION NUMBER: 38,891  
REFERENCE/DOCKET NUMBER: P50475  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 610-270-4478  
TELEFAX: 610-270-5090  
TELEX:  
INFORMATION FOR SEQ ID NO: 400:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 146 amino acids  
TYPE: amino acid  
STRANDEDNESS: single

TOPOLOGY: linear  
MOLECULE TYPE: No. 6348328e  
US-08-858-207A-400

Query Match 3.2%; Score 6; DB 4; Length 146;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 173 GSLDLR 178  
|||||  
DB 81 GSLDLR 86

RESULT 12  
US-09-228-986-94  
Sequence 94, Application US/09228986  
Patent No. 6359198  
GENERAL INFORMATION:  
APPLICANT: Strabala, Timothy  
APPLICANT: Neuenhulzen, Niels  
TITLE OF INVENTION: Compositions Isolated from Plant Cells  
TITLE OF INVENTION: and Their Use in the Modification of Plant Cell Signalling  
FILE REFERENCE: 11000/1020  
CURRENT APPLICATION NUMBER: US/09/228, 986  
CURRENT FILING DATE: 1999-01-12  
NUMBER OF SEQ ID NOS: 130  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 94  
LENGTH: 151  
TYPE: PRT  
ORGANISM: Pinus radiata  
US-09-228-986-94

Query Match 3.2%; Score 6; DB 4; Length 151;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 174 SLDLRS 179  
|||||  
DB 102 SLDLRS 107

RESULT 13  
US-09-134-001C-4994  
Sequence 4994, Application US/09134001C  
Patent No. 6380370  
GENERAL INFORMATION:  
APPLICANT: Lynn Doucette-Stamm et al  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS  
TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS  
FILE REFERENCE: GTC-007  
CURRENT APPLICATION NUMBER: US/09/134, 001C  
CURRENT FILING DATE: 1998-08-13  
PRIOR APPLICATION NUMBER: US 60/064, 964  
PRIOR FILING DATE: 1997-11-08  
PRIOR APPLICATION NUMBER: US 60/055, 779  
PRIOR FILING DATE: 1997-08-14  
NUMBER OF SEQ ID NOS: 5674  
SEQ ID NO 4994  
LENGTH: 178  
TYPE: PRT  
ORGANISM: Staphylococcus epidermidis  
US-09-134-001C-4994

Query Match 3.2%; Score 6; DB 4; Length 178;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 135 IEKLIK 140  
|||||  
DB 157 IEKLIK 162

RESULT 14  
US-08-063-552-9  
Sequence 9, Application US/08063552  
Patent No. 5688936  
GENERAL INFORMATION:  
APPLICANT: Edwards, Robert H  
TITLE OF INVENTION: Vesicle Membrane Transport Proteins  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sheldon & Mak  
STREET: 225 South Lake Avenue, Ninth Floor  
CITY: Pasadena  
STATE: California  
COUNTRY: USA  
ZIP: 91101

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/063, 552  
FILING DATE: 19930514  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Farber, Michael B  
REGISTRATION NUMBER: 32, 612  
REFERENCE/DOCKET NUMBER: 9067-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (818) 796-4000  
TELEFAX: (818) 795-6321  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 195 amino acids  
TYPE: AMINO ACID  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
FRAGMENT TYPE: Internal  
ORIGINAL SOURCE:  
ORGANISM: Bacillus subtilis plasmid  
US-08-063-552-9

Query Match 3.2%; Score 6; DB 1; Length 195;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 112 GRKIMI 117  
|||||  
DB 69 GRKIMI 74

RESULT 15  
PCT-US93-05704-9  
Sequence 9, Application PC/TUS9305704  
GENERAL INFORMATION:  
APPLICANT: Edwards, Robert H  
TITLE OF INVENTION: Vesicle Membrane Transport Proteins  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sheldon & Mak  
STREET: 225 South Lake Avenue, Ninth Floor  
CITY: Pasadena  
STATE: California  
COUNTRY: USA  
ZIP: 91101  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/05704

FILING DATE: 19930611  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Fairder, Michael B  
REGISTRATION NUMBER: 32,612  
REFERENCE/DOCKET NUMBER: 9067-1PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (818) 796-4000  
TELEFAX: (818) 795-6321  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 195 amino acids  
TYPE: AMINO ACID  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
FRAGMENT TYPE: Internal  
ORIGINAL SOURCE:  
ORGANISM: Bacillus subtilis plasmid  
PCT-US93-05704-9

Query Match 3.2%; Score 6; DB 5; Length 195;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 112 GKRIMI 117  
|||||  
DB 69 GKRIMI 74

RESULT 16  
US-09-345-293-3  
Sequence 3, Application US/09345293A  
Patent No. 6380382  
GENERAL INFORMATION:  
APPLICANT: Khodadoust, Mehron  
TITLE OF INVENTION: No. 6380382e1 Gene Encoding a Protein Having Diagnostic,  
TITLE OF INVENTION: Preventive, Therapeutic, and Other Uses  
FILE REFERENCE: 10147-12  
CURRENT APPLICATION NUMBER: US/09/345,293A  
CURRENT FILING DATE: 1999-06-30  
NUMBER OF SEQ ID NOS: 11  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 3  
LENGTH: 196  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-345-293-3

Query Match 3.2%; Score 6; DB 4; Length 196;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 150 PSSVL 155  
|||||  
DB 30 PSSVL 35

RESULT 17  
US-08-531-525-15  
Sequence 15, Application US/08531525  
Patent No. 5840683  
GENERAL INFORMATION:  
APPLICANT: Hlavka, Joseph J.  
APPLICANT: Pincus, Matthew R.  
APPLICANT: No. 5840683le, John F.  
APPLICANT: Abajian, Henry B.  
APPLICANT: Kende, Andrew S.  
TITLE OF INVENTION: Peptides Inhibiting the Oncogenic Action  
TITLE OF INVENTION: of P21 Ras  
NUMBER OF SEQUENCES: 52  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Greenlee and Winner, P.C.

STREET: 5370 Manhattan Circle, Suite 201  
CITY: Boulder  
STATE: Colorado  
COUNTRY: US  
ZIP: 80303  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/531,525  
FILING DATE: 21-SEP-1995  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Fairder, Donna M.  
REGISTRATION NUMBER: 33,878  
REFERENCE/DOCKET NUMBER: 37-94  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (303) 499-8080  
TELEFAX: (303) 499-8089  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 208 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
US-08-531-525-15

Query Match 3.2%; Score 6; DB 2; Length 208;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 155 LERREV 160  
|||||  
DB 123 LERREV 128

RESULT 18  
US-08-718-270A-15  
Sequence 15, Application US/08718270A  
Patent No. 5910478  
GENERAL INFORMATION:  
APPLICANT: Hlavka, Joseph J.  
APPLICANT: Pincus, Matthew R.  
APPLICANT: No. 5910478le, John F.  
APPLICANT: Abajian, Henry B.  
APPLICANT: Kende, Andrew S.  
TITLE OF INVENTION: Peptidomimetics Inhibiting  
TITLE OF INVENTION: the Oncogenic Action of P21 Ras  
NUMBER OF SEQUENCES: 52  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Greenlee, Winner and Sullivan, P.C.  
STREET: 5370 Manhattan Circle, Suite 201  
CITY: Boulder  
STATE: Colorado  
COUNTRY: US  
ZIP: 80303  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/718,270A  
FILING DATE: 20-SEP-1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/531,525



```
; FILING DATE: 21-SEP-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/004,091
; FILING DATE: 21-SEP-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Ferber, Donna M.
; REGISTRATION NUMBER: 33,878
; REFERENCE/DOCKET NUMBER: 78-95
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 499-8080
; TELEFAX: (303) 499-8089
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 208 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHEICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-08-718-270A-15

Query Match          3.2%; Score 6; DB 2; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 155 LERREV 160
DB 123 LERREV 128

RESULT 19
US-09-185-501B-15
; Sequence 15, Application US/09185501B
; Patent No. 6331428
; GENERAL INFORMATION:
; APPLICANT: KATO, NOBUO
; TITLE OF INVENTION: HEXULOSE PHOSPHATE ISOMERASE GENE
; FILE REFERENCE: 0010-0953-0CIP
; CURRENT APPLICATION NUMBER: US/09/185,501B
; CURRENT FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 09/033,647
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: JP9-233131
; PRIOR FILING DATE: 1997-08-28
; PRIOR APPLICATION NUMBER: JP10-194808
; PRIOR FILING DATE: 1997-07-09
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 15
; LENGTH: 274
; TYPE: PRT
; ORGANISM: Mycobacterium gastr1
; US-09-185-501B-15

Query Match          3.2%; Score 6; DB 4; Length 274;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 150 PSSVL 155
DB 31 PSSVL 36

RESULT 20
US-09-438-833-9
; Sequence 9, Application US/09438833
; Patent No. 6436654
; GENERAL INFORMATION:
; APPLICANT: Pharmacia & Upjohn
; TITLE OF INVENTION: Protein variants
; FILE REFERENCE: 1848
```

```
; CURRENT APPLICATION NUMBER: US/09/438,833
; CURRENT FILING DATE: 1999-11-12
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 288
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Subdomain
; US-09-438-833-9

Query Match          3.2%; Score 6; DB 4; Length 288;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 EHDGSL 175
DB 198 EHDGSL 203

RESULT 21
US-09-438-833-10
; Sequence 10, Application US/09438833
; Patent No. 6436654
; GENERAL INFORMATION:
; APPLICANT: Pharmacia & Upjohn
; TITLE OF INVENTION: Protein variants
; FILE REFERENCE: 1848
; CURRENT APPLICATION NUMBER: US/09/438,833
; CURRENT FILING DATE: 1999-11-12
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 301
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Subdomain
; US-09-438-833-10

Query Match          3.2%; Score 6; DB 4; Length 301;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 EHDGSL 175
DB 198 EHDGSL 203

RESULT 22
US-09-420-786A-3
; Sequence 3, Application US/09420786A
; Patent No. 6410717
; GENERAL INFORMATION:
; APPLICANT: FURUSAWA, Iwao
; APPLICANT: ISHIKAWA, Masayuki
; TITLE OF INVENTION: A GENE ENCODING A HOST FACTOR PROTEIN INDISPENSABLE FOR
; TITLE OF INVENTION: MULTIPLICATION OF A PLANT VIRUS
; FILE REFERENCE: 026350-030
; CURRENT APPLICATION NUMBER: US/09/420,786A
; CURRENT FILING DATE: 1999-10-19
; PRIOR APPLICATION NUMBER: JP 10-301810
; PRIOR FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: JP 11-232678
; PRIOR FILING DATE: 1999-08-19
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 303
; TYPE: PRT
```

ORGANISM: Arabidopsis thaliana heyhn  
US-09-420-786A-3

Query Match  
Best Local Similarity 3.2%; Score 6; DB 4; Length 303;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 150 PSSVL 155  
Db 279 PSSVL 284

## RESULT 23

US-09-031-485-2  
Sequence 2, Application US/09031485  
Patent No. 5824306  
GENERAL INFORMATION:  
APPLICANT: Tang, Liang  
APPLICANT: Blehm, E. Scot  
TITLE OF INVENTION: DIOFILARIA AND BRUGIA ANKYRIN  
TITLE OF INVENTION: PROTEINS, NUCLEIC ACID MOLECULES, AND  
TITLE OF INVENTION: USES THEREOF  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Carol Talkington Verser, Ph.D.  
ADDRESSEE: Heska Corporation  
STREET: 1825 Sharp Point Drive  
CITY: Fort Collins  
STATE: Colorado  
COUNTRY: USA  
ZIP: 80525  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Wordperfect for Windows, Version 7.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/031,485  
FILING DATE:  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/847,429  
FILING DATE: 24-APR-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Verser, Carol Talkington  
REGISTRATION NUMBER: 37,459  
REFERENCE/DOCKET NUMBER: HW-5  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 970/493-7272  
TELEFAX: 970/484-9505  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 312 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-031-485-2

Query Match 3.2%; Score 6; DB 2; Length 312;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 34 CTLAIT 39  
Db 72 CTLAIT 77

## RESULT 24

US-08-847-429A-2  
Sequence 2, Application US/08847429A  
Patent No. 5827692  
GENERAL INFORMATION:  
APPLICANT: Tang, Liang

APPLICANT: Blehm, E. Scot  
TITLE OF INVENTION: DIOFILARIA AND BRUGIA ANKYRIN  
TITLE OF INVENTION: PROTEINS, NUCLEIC ACID MOLECULES, AND  
TITLE OF INVENTION: USES THEREOF  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Carol Talkington Verser, Ph.D.  
ADDRESSEE: Heska Corporation  
STREET: 1825 Sharp Point Drive  
CITY: Fort Collins  
STATE: Colorado  
COUNTRY: USA  
ZIP: 80525  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Wordperfect for Windows, Version 7.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/847,429A  
FILING DATE: 24-APR-1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Verser, Carol Talkington  
REGISTRATION NUMBER: 37,459  
REFERENCE/DOCKET NUMBER: HW-5  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 970/493-7272  
TELEFAX: 970/484-9505  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 312 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-847-429A-2

Query Match 3.2%; Score 6; DB 2; Length 312;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 34 CTLAIT 39  
Db 72 CTLAIT 77

## RESULT 25

US-09-065-474-2  
Sequence 2, Application US/09065474  
Patent No. 6063599  
GENERAL INFORMATION:  
APPLICANT: Tang, Liang  
APPLICANT: Blehm, E. Scot  
TITLE OF INVENTION: DIOFILARIA AND BRUGIA ANKYRIN  
TITLE OF INVENTION: PROTEINS, NUCLEIC ACID MOLECULES, AND  
TITLE OF INVENTION: USES THEREOF  
NUMBER OF SEQUENCES: 171  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Carol Talkington Verser, Ph.D.  
ADDRESSEE: Heska Corporation  
STREET: 1825 Sharp Point Drive  
CITY: Fort Collins  
STATE: Colorado  
COUNTRY: USA  
ZIP: 80525  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Wordperfect for Windows, Version 7.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/065,474  
FILING DATE: 24-APR-1998

CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Verser, Carol Talkington  
REGISTRATION NUMBER: 37,459  
REFERENCE/DOCKET NUMBER: HW-5-C1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 970/493-7272  
TELEFAX: 970/484-9505  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 312 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-065-474-2

Query Match 3.2%; Score 6; DB 3; Length 312;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 34 CTLAIT 39  
Db 72 CTLAIT 77

RESULT 26  
US-09-557-034-2  
Sequence 2, Application US/09557034  
Patent No. 6365569  
GENERAL INFORMATION:  
APPLICANT: Tang, Liang  
TITLE OF INVENTION: DIROFILARIA AND BRUGIA ANKYRIN  
PROTEINS, NUCLEIC ACID MOLECULES, AND  
USES THEREOF  
NUMBER OF SEQUENCES: 171  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Carol Talkington Verser, Ph.D.  
STREET: 1825 Sharp Point Drive  
CITY: Fort Collins  
STATE: Colorado  
COUNTRY: USA  
ZIP: 80525  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Wordperfect for Windows, Version 7.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/557,034  
FILING DATE: 21-Apr-2000  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/065,474  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Verser, Carol Talkington  
REGISTRATION NUMBER: 37,459  
REFERENCE/DOCKET NUMBER: HW-5-C1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 970/493-7272  
TELEFAX: 970/484-9505  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 312 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
US-09-557-034-2

Query Match 3.2%; Score 6; DB 4; Length 312;

Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 34 CTLAIT 39  
Db 72 CTLAIT 77

RESULT 27  
US-08-926-842B-62  
Sequence 62, Application US/08926842B  
Patent No. 6030807  
GENERAL INFORMATION:  
APPLICANT: Sa-No. 6030807ueira, Isabel  
APPLICANT: de lencastre, Herminia  
TITLE OF INVENTION: HIGHLY REGULABLE PROMOTER FOR HETEROLOGOUS GENE  
EXPRESSION  
NUMBER OF SEQUENCES: 64  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Klauber & Jackson  
STREET: 411 Hackensack Avenue  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentln Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/926,842B  
FILING DATE: 10-SEP-1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-089 N  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 62:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 313 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
ORIGINAL SOURCE:  
ORGANISM: Bacillus subtilis  
FEATURE:  
OTHER INFORMATION: /product= "arap"  
US-08-926-842B-62

Query Match 3.2%; Score 6; DB 3; Length 313;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 96 TLIVLI 101  
Db 97 TLIVLI 102

RESULT 28  
US-09-710-099-4  
Sequence 4, Application US/09710099  
Patent No. 6441154  
GENERAL INFORMATION:  
APPLICANT: Donoho, Gregory  
APPLICANT: Hilbun, Erin  
APPLICANT: Turner, C. Alexander Jr.  
APPLICANT: Nehls, Michael  
APPLICANT: Friedrich, Glenn

APPLICANT: Zambrowicz, Brian  
APPLICANT: Sands, Arthur T.  
TITLE OF INVENTION: No. 6441154e1 Human Proteases and  
TITLE OF INVENTION: Polynucleotides Encoding the Same  
FILE REFERENCE: LEX-0086-USA  
CURRENT APPLICATION NUMBER: US/09/710,099  
CURRENT FILING DATE: 2000-11-10  
PRIOR APPLICATION NUMBER: US 60/165,260  
PRIOR FILING DATE: 1999-11-12  
NUMBER OF SEQ ID NOS: 15  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 4  
LENGTH: 314  
TYPE: PRT  
ORGANISM: homo sapiens  
US-09-710-099-4

Query Match 3.2%; Score 6; DB 4; Length 314;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 62 IYSWID 67  
|||||  
Db 145 IYSWID 150

RESULT 29  
US-09-710-099-12  
Sequence 12, Application US/09710099  
Patent No. 6441154  
GENERAL INFORMATION:  
APPLICANT: Donoho, Gregory  
APPLICANT: Hilbun, Erin  
APPLICANT: Turner, C. Alexander Jr.  
APPLICANT: Nehls, Michael  
APPLICANT: Friedrich, Glenn  
APPLICANT: Zambrowicz, Brian  
APPLICANT: Sands, Arthur T.  
TITLE OF INVENTION: No. 6441154e1 Human Proteases and  
TITLE OF INVENTION: Polynucleotides Encoding the Same  
FILE REFERENCE: LEX-0086-USA  
CURRENT APPLICATION NUMBER: US/09/710,099  
CURRENT FILING DATE: 2000-11-10  
PRIOR APPLICATION NUMBER: US 60/165,260  
PRIOR FILING DATE: 1999-11-12  
NUMBER OF SEQ ID NOS: 15  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 12  
LENGTH: 314  
TYPE: PRT  
ORGANISM: homo sapiens  
US-09-710-099-12

Query Match 3.2%; Score 6; DB 4; Length 314;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 62 IYSWID 67  
|||||  
Db 145 IYSWID 150

RESULT 30  
US-07-866-979-6  
Sequence 6, Application US/07866979  
Patent No. 5532347  
GENERAL INFORMATION:  
APPLICANT: Cone, Roger D  
APPLICANT: Mountjoy, Kathleen G  
TITLE OF INVENTION: Melanocyte Stimulating Hormone Receptor  
TITLE OF INVENTION: and Uses  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
US-07-866-979-6

ADDRESSEE: Allegretti & Witcoff, Ltd.  
STREET: 10 South Wacker Drive, Suite 3000  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/866,979  
FILING DATE: 19920410  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: NO. 5532347nan, Kevin E  
REGISTRATION NUMBER: 35,303  
REFERENCE/DOCKET NUMBER: 92,154  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-715-1000  
TELEFAX: 312-715-1234  
TELEX: 910-221-5317  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 317 amino acids  
TYPE: AMINO ACID  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-07-866-979-6

Query Match 3.2%; Score 6; DB 1; Length 317;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 95 LTLIVL 100  
|||||  
Db 261 LTLIVL 266

RESULT 31  
US-08-671-525B-2  
Sequence 2, Application US/08671525B  
Patent No. 5703220  
GENERAL INFORMATION:  
APPLICANT: Yamada, Tadataka  
APPLICANT: Gantz, Ira  
TITLE OF INVENTION: Genes Encoding Melanocortin Receptors  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Harness, Dickey & Pierce, P.L.C.  
STREET: P.O. Box 828  
CITY: Bloomfield Hills  
STATE: MI  
COUNTRY: US  
ZIP: 48303  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/671,525B  
FILING DATE: June 27, 1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Smith, Deann F.  
REGISTRATION NUMBER: 36683  
REFERENCE/DOCKET NUMBER: 2115-000853DVB  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (810)641-1600  
TELEFAX: (810)641-0270  
INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:  
LENGTH: 317 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-671-525B-2

Query Match 3.2%; Score 6; DB 1; Length 317;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 95 LTLIVL 100  
|||||  
Db 261 LTLIVL 266

## RESULT 32

US-08-672-109B-2  
Sequence 2, Application US/08672109B  
Patent No. 5710265  
GENERAL INFORMATION:  
APPLICANT: Yamada, Tadataka  
APPLICANT: Gantz, Ira  
TITLE OF INVENTION: Genes Encoding Melanocortin Receptors  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Harness, Dickey & Pierce, P.L.C.  
STREET: P.O. Box 828  
CITY: Bloomfield Hills  
STATE: MI  
COUNTRY: US  
ZIP: 48303

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/672,109B  
FILING DATE: June 27, 1996  
CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:  
NAME: Smith, Deann F.  
REGISTRATION NUMBER: 36683  
REFERENCE/DOCKET NUMBER: 2115-000853DVC  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (810)641-1600  
TELEFAX: (810)641-0270  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 317 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-672-109B-2

Query Match 3.2%; Score 6; DB 1; Length 317;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 95 LTLIVL 100  
|||||  
Db 261 LTLIVL 266

## RESULT 33

US-08-842-045-2  
Sequence 2, Application US/08842045  
Patent No. 5817787  
GENERAL INFORMATION:  
APPLICANT: Yamada, Tadataka  
APPLICANT: Gantz, Ira  
TITLE OF INVENTION: Genes Encoding Melanocortin Receptors

NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Harness, Dickey & Pierce, P.L.C.  
STREET: P.O. Box 828  
CITY: Bloomfield Hills  
STATE: MI  
COUNTRY: US  
ZIP: 48303  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/842,045  
FILING DATE:  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Smith, Deann F.  
REGISTRATION NUMBER: 36683  
REFERENCE/DOCKET NUMBER: 2115-000853DVE  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (810)641-1600  
TELEFAX: (810)641-0270  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 317 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-842-045-2

Query Match 3.2%; Score 6; DB 2; Length 317;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 95 LTLIVL 100  
|||||  
Db 261 LTLIVL 266

## RESULT 34

US-08-466-906B-6  
Sequence 6, Application US/08466906B  
Patent No. 5849871  
GENERAL INFORMATION:  
APPLICANT: Cone, Roger D  
APPLICANT: Mountjoy, Kathleen G  
TITLE OF INVENTION: Melanocyte Stimulating Hormone Receptor  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
STREET: 300 South Wacker Drive  
CITY: Chicago  
STATE: IL  
COUNTRY: USA  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/466,906B  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 5849871nan, Kevin E  
REGISTRATION NUMBER: 35,303  
REFERENCE/DOCKET NUMBER: 92,154-H  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-913-0001

TELEFAX: 312-913-0002  
TELEX:  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 317 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-466-906B-6

Query Match 3.2%; Score 6; DB 2; Length 317;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 95 LTLIVL 100  
|||||  
Db 261 LTLIVL 266

RESULT 35

US-08-842-238-2  
Sequence 2, Application US/08842238  
Patent No. 5869257

GENERAL INFORMATION:

APPLICANT: Yamada, Tadataka

TITLE OF INVENTION: Genes Encoding Melanocortin Receptors

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSEE: Harness, Dickey & Pierce, P.L.C.

STREET: P.O. Box 828

CITY: Bloomfield Hills

STATE: MI

COUNTRY: US

ZIP: 48303

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/842,238

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Smith, Deann F.

REGISTRATION NUMBER: 36683

REFERENCE/DOCKET NUMBER: 2115-000853DVD

TELECOMMUNICATION INFORMATION:

TELEPHONE: (810)641-1600

TELEFAX: (810)641-0270

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 317 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-842-238-2

Query Match 3.2%; Score 6; DB 2; Length 317;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 95 LTLIVL 100  
|||||  
Db 261 LTLIVL 266

RESULT 36

US-08-780-749A-4

Sequence 4, Application US/08780749A

Patent No. 5932779

GENERAL INFORMATION:

APPLICANT: Lee, Frank

APPLICANT: Huszar, Dennis

APPLICANT: Gu, Wei

TITLE OF INVENTION: SCREENING METHODS FOR COMPOUNDS

TITLE OF INVENTION: USEFUL IN THE REGULATION OF BODY WEIGHT

NUMBER OF SEQUENCES: 10

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds LLP

STREET: 1155 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: USA

ZIP: 10036/2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/780,749A

FILING DATE: 08-JAN-1997

CLASSIFICATION: 800

ATTORNEY/AGENT INFORMATION:

NAME: Laura A. Coruzzi

REGISTRATION NUMBER: 30,742

REFERENCE/DOCKET NUMBER: 7853-064

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 790-9090

TELEFAX: (212) 869-8864/9741

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 317 amino acids

TYPE: amino acid

STRANDEDNESS:

TOPOLOGY: unknown

MOLECULE TYPE: peptide

US-08-780-749A-4

Query Match 3.2%; Score 6; DB 2; Length 317;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 95 LTLIVL 100  
|||||  
Db 261 LTLIVL 266

RESULT 37

US-08-706-281A-6

Sequence 6, Application US/08706281A

Patent No. 6100048

GENERAL INFORMATION:

APPLICANT: Cone, Roger D

APPLICANT: Fan, Wei

APPLICANT: Boston, Bruce A

APPLICANT: Kesterton, Robert A

APPLICANT: Lu, Dongsi

APPLICANT: Chen, Wenbiao

TITLE OF INVENTION: Methods and Reagents for Discovering and

TITLE OF INVENTION: Using Mammalian Melanocortin Receptor Agonists and Antagonist

NUMBER OF SEQUENCES: 19

CORRESPONDENCE ADDRESS:

ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff

STREET: 300 South Wacker Drive

CITY: Chicago

STATE: IL

COUNTRY: USA

ZIP: 60606

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/706,281A  
FILING DATE: 04-SEP-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 6100048nan, Kevin E  
REGISTRATION NUMBER: 35,303  
REFERENCE/DOCKET NUMBER: 96,886  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-913-0001  
TELEFAX: 312-913-0002  
TELEX:  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 317 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-706-281A-6

Query Match 3.2%; Score 6; DB 3; Length 317;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 95 LTLIVL 100  
|||||  
Db 261 LTLIVL 266

RESULT 38  
US-08-629-335B-2  
Sequence 2, Application US/08629335B  
Patent No. 6117975  
GENERAL INFORMATION:  
APPLICANT: Yamada, Tadataka  
APPLICANT: Gantz, Ira  
TITLE OF INVENTION: Genes Encoding Melanocortin Receptors  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Harness, Dickey & Pierce, P.L.C.  
STREET: P.O. Box 828  
CITY: Bloomfield Hills  
STATE: MI  
COUNTRY: US  
ZIP: 48303  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/629,335B  
FILING DATE: July 23, 1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Smith, Deann F.  
REGISTRATION NUMBER: 36683  
REFERENCE/DOCKET NUMBER: 2115-000853DVA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (810)641-1600  
TELEFAX: (810)641-0270  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 317 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-629-335B-2

Query Match 3.2%; Score 6; DB 3; Length 317;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 95 LTLIVL 100  
|||||  
Db 261 LTLIVL 266

RESULT 39  
US-09-201-746-6  
Sequence 6, Application US/09201746  
Patent No. 6268221  
GENERAL INFORMATION:  
APPLICANT: Cone, Roger D  
APPLICANT: Mountjoy, Kathleen G  
TITLE OF INVENTION: Melanocyte Stimulating Hormone Receptor  
TITLE OF INVENTION: and Uses  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
STREET: 300 South Wacker Drive  
CITY: Chicago  
STATE: IL  
COUNTRY: USA  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/201,746  
FILING DATE: 01-DEC-1998  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 6268221nan, Kevin E  
REGISTRATION NUMBER: 35,303  
REFERENCE/DOCKET NUMBER: 92,154-J  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-913-0001  
TELEFAX: 312-913-0002  
TELEX:  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 317 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-201-746-6

Query Match 3.2%; Score 6; DB 4; Length 317;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 95 LTLIVL 100  
|||||  
Db 261 LTLIVL 266

RESULT 40  
US-09-097-231-6  
Sequence 6, Application US/09097231  
Patent No. 6278038  
GENERAL INFORMATION:  
APPLICANT: Cone, Roger D  
APPLICANT: Chen, Wendiao  
APPLICANT: Low, Malcolm J  
TITLE OF INVENTION: Mammalian Melanocortin Receptor and Uses  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
STREET: 300 South Wacker Drive  
CITY: Chicago  
STATE: Illinois

COUNTRY: USA  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/097,231  
FILING DATE: 12-Jun-1998  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 6278038nan, Kevin E  
REGISTRATION NUMBER: 35,303  
REFERENCE/DOCKET NUMBER: 96,886-C  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-913-0001  
TELEFAX: 312-913-0002  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 317 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
US-09-097-231-6

Query Match 3.2%; Score 6; DB 4; Length 317;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 95 LTLIVL 100  
|||||  
Db 261 LTLIVL 266

RESULT 41  
US-08-870-511-4  
Sequence 4, Application US/08870511  
Patent No. 6287763  
GENERAL INFORMATION:  
APPLICANT: Lee, Frank  
APPLICANT: Huszar, Dennis  
TITLE OF INVENTION: SCREENING METHODS FOR COMPOUNDS USEFUL IN THE  
TITLE OF INVENTION: REGULATION OF BODY WEIGHT  
FILE REFERENCE: 7853-083  
CURRENT APPLICATION NUMBER: US/08/870,511  
CURRENT FILING DATE: 1997-06-06  
NUMBER OF SEQ ID NOS: 45  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 4  
LENGTH: 317  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-08-870-511-4

Query Match 3.2%; Score 6; DB 4; Length 317;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 95 LTLIVL 100  
|||||  
Db 261 LTLIVL 266

RESULT 42  
US-08-387-805-2  
Sequence 2, Application US/08387805  
Patent No. 6448032  
GENERAL INFORMATION:  
APPLICANT:

TITLE OF INVENTION: Human Melanocyte stimulating hormone receptor  
NUMBER OF SEQUENCES: 20  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox  
STREET: 1100 New York Ave., N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/387,805  
FILING DATE: 21-FEB-95  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/DK93/00273  
FILING DATE: 20-AUG-93  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DK 1046/92  
FILING DATE: 21-AUG-92  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DK 1118/92  
FILING DATE: 10-SEP-92  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DK 0528/93  
FILING DATE: 05-MAY-93  
ATTORNEY/AGENT INFORMATION:  
NAME: Cimbala, Michele A.  
REGISTRATION NUMBER: 33,851  
REFERENCE/DOCKET NUMBER: 1102.0160000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 317 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: polypeptide  
US-08-387-805-2

Query Match 3.2%; Score 6; DB 4; Length 317;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 95 LTLIVL 100  
|||||  
Db 261 LTLIVL 266

RESULT 43  
US-08-748-068-2  
Sequence 2, Application US/08748068  
Patent No. 5770410  
GENERAL INFORMATION:  
APPLICANT:  
TITLE OF INVENTION: Chiral Synthesis  
NUMBER OF SEQUENCES: 15  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/748,068  
FILING DATE: 12-NOV-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/256,959



```

1      FILING DATE: 05-OCT-1994
2      APPLICATION NUMBER: GB 92 02033.8
3      FILING DATE: 30-JAN-1992
4      PRIOR APPLICATION DATA:
5      APPLICATION NUMBER: GB 92 04702.6
6      FILING DATE: 04-MAR-1992
7      PRIOR APPLICATION DATA:
8      APPLICATION NUMBER: GB 93/00204
9      INFORMATION FOR SEQ ID NO: 2:
10     SEQUENCE CHARACTERISTICS:
11     LENGTH: 327 amino acids
12     TYPE: amino acid
13     STRANDEDNESS: single
14     TOPOLOGY: linear
15     MOLECULE TYPE: peptide
16     HYPOTHETICAL: NO
17     ANTI-SENSE: NO
18     FRAGMENT TYPE: Internal
19     FEATURE:
20     NAME/KEY: Modified-site
21     LOCATION: (16^17)
22     OTHER INFORMATION: /note= "-- numbering discontinuity"
23     FEATURE:
24     NAME/KEY: Modified-site
25     LOCATION: (27^28)
26     OTHER INFORMATION: /note= "- numbering discontinuity"
27     FEATURE:
28     NAME/KEY: Modified-site
29     LOCATION: (40^41)
30     OTHER INFORMATION: /note= "--- numbering discontinuity"
31     FEATURE:
32     NAME/KEY: Modified-site
33     LOCATION: (41^42)
34     OTHER INFORMATION: /note= "- numbering discontinuity"
35     FEATURE:
36     NAME/KEY: Modified-site
37     LOCATION: (42^43)
38     OTHER INFORMATION: /note= "---- numbering
39     OTHER INFORMATION: discontinuity"
40     FEATURE:
41     NAME/KEY: Modified-site
42     LOCATION: (52^53)
43     OTHER INFORMATION: /note= "-- numbering discontinuity"
44     FEATURE:
45     NAME/KEY: Modified-site
46     LOCATION: (81^82)
47     OTHER INFORMATION: /note= "- numbering discontinuity"
48     FEATURE:
49     NAME/KEY: Modified-site
50     LOCATION: (85^86)
51     OTHER INFORMATION: /note= "- numbering discontinuity"
52     FEATURE:
53     NAME/KEY: Modified-site
54     LOCATION: (95^96)
55     OTHER INFORMATION: /note= "- numbering discontinuity"
56     FEATURE:
57     NAME/KEY: Modified-site
58     LOCATION: (127^128)
59     OTHER INFORMATION: /note= "- numbering discontinuity"
60     FEATURE:
61     NAME/KEY: Modified-site
62     LOCATION: (150^151)
63     OTHER INFORMATION: /note= "---- numbering
64     OTHER INFORMATION: discontinuity"
65     FEATURE:
66     NAME/KEY: Modified-site
67     LOCATION: (188^189)
68     OTHER INFORMATION: /note= "- numbering discontinuity"
69     FEATURE:
70     NAME/KEY: Modified-site
71     LOCATION: (193^194)
72     OTHER INFORMATION: /note= "- numbering discontinuity"
73     FEATURE:

```

```

; NAME/KEY: Modified-site
; LOCATION: (208^209)
; OTHER INFORMATION: /note= "- numbering discontinuity"
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: (243^244)
; OTHER INFORMATION: /note= "- numbering discontinuity"
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: (247^248)
; OTHER INFORMATION: /note= "- numbering discontinuity"
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: (259^260)
; OTHER INFORMATION: /note= "- numbering discontinuity"
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: (262^263)
; OTHER INFORMATION: /note= "- numbering discontinuity"
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: (275^276)
; OTHER INFORMATION: /note= "---- numbering
; OTHER INFORMATION: discontinuity"
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: (298^299)
; OTHER INFORMATION: /note= "- numbering discontinuity"
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: (308^309)
; OTHER INFORMATION: /note= "- numbering discontinuity"
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: (326^327)
; OTHER INFORMATION: /note= "- numbering discontinuity"
;
US-08-748-068-2

Query Match .3.2%; Score 6; DB 1; Length 327;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 134 LIEKLI 139
|||||
Db 7 LIEKLI 12

RESULT 44
US-09-232-200-51
; Sequence 51, Application US/09232200A
; Patent No. 6288213
; GENERAL INFORMATION:
; APPLICANT: Stahl, Andreas
; APPLICANT: Hirsch, David J.
; APPLICANT: Lodish, Harvey F.
; APPLICANT: Gimen0, Ruth E.
; APPLICANT: Tartaglia, Louis A.
; TITLE OF INVENTION: FATTY ACID TRANSPORT PROTEINS
; FILE REFERENCE: WHI97-21P3MB
; CURRENT APPLICATION NUMBER: US/09/232,200A
; CURRENT FILING DATE: 1999-01-14
; EARLIER APPLICATION NUMBER: 60/071,374
; EARLIER FILING DATE: 1998-01-15
; EARLIER APPLICATION NUMBER: 60/093,491
; EARLIER FILING DATE: 1998-07-20
; EARLIER APPLICATION NUMBER: 60/110,941
; EARLIER FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 51
; LENGTH: 330
; TYPE: PRT
; ORGANISM: Homo sapiens

```

US-09-232-200-51

Query Match 3.2%; Score 6; DB 4; Length 330;  
Best Local Similarity 100.0%; Pred. No. 2.9e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 QPPSKA 10  
|||||  
Db 32 QPPSKA 37

## RESULT 45

US-09-232-197-51

; Sequence 51, Application US/09232197A  
; Patent No. 6300096

; GENERAL INFORMATION:

; APPLICANT: Stahl, Andreas

; APPLICANT: Hirsch, David J.

; APPLICANT: Lodish, Harvey F.

; APPLICANT: Gimeno, Ruth E.

; APPLICANT: Taragila, Louis A.

; TITLE OF INVENTION: FATTY ACID TRANSPORT PROTEINS

; FILE REFERENCE: WH197-21P3MA

; CURRENT APPLICATION NUMBER: US/09/232,197A

; CURRENT FILING DATE: 1999-01-14

; EARLIER APPLICATION NUMBER: 60/071,374

; EARLIER FILING DATE: 1998-01-15

; EARLIER APPLICATION NUMBER: 60/093,491

; EARLIER FILING DATE: 1998-07-20

; EARLIER APPLICATION NUMBER: 60/110,941

; EARLIER FILING DATE: 1998-12-04

; NUMBER OF SEQ ID NOS: 105

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 51

; LENGTH: 330

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-232-197-51

Query Match 3.2%; Score 6; DB 4; Length 330;  
Best Local Similarity 100.0%; Pred. No. 2.9e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 QPPSKA 10  
|||||  
Db 32 QPPSKA 37

Search completed: November 9, 2002, 07:32:15  
Job time : 38 secs